

**INTERACTIVE METHOD FOR REAL-TIME DISPLAYING, QUERYING
AND FORECASTING DRILLING EVENT AND HAZARD
INFORMATION**

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ABSTRACT

A method is disclosed for characterizing a drilling hazard. The method includes determining a well plan including at least a wellbore trajectory. A likelihood of occurrence of at least one drilling hazard is estimated. A severity of the at least one drilling hazard is estimated. The hazard is displayed on a representation of the wellbore trajectory, by indicating thereon a position of, the
10 likelihood and the severity of the at least one drilling hazard.